

CLAIMS

1. Connection assembly (10; 100; 300) for transferring a fluid, particularly a fluid containing active products, from a reservoir to a medical delivery device comprising:

5 a first connection element (20; 120) associated with the reservoir and comprising first retaining means (23; 123),

10 a second connection element (10; 110; 210; 310) associated with the medical delivery device and comprising second retaining means (12; 112; 212; 312) capable of cooperating with the first retaining means to form an irreversible connection between the two elements,

15 the first and second retaining means are arranged such that they cooperate with each other by clipping during a single translation movement of one connection element with respect to the other to make the connection irreversible, characterised in that at least one of the connection elements comprises means (426) capable of making it breakable.

20 2. Connection assembly according to claim 1, characterised in that either the first or second retaining means comprises at least one elastically deformable tab (12; 112; 212) and the other retaining means comprises at least one lip (23; 123) capable of cooperating with the
25 tab.

3. Connection assembly according to claim 2, characterised in that either the first or second retaining

means comprises two tabs located on opposite sides of the connection element.

4. Connection assembly according to claim 1, characterised in that either the first or second retaining means comprises at least one recess (312) and the other retaining means comprises at least one lip capable of cooperating with the recess.

5. Connection assembly according to either claim 1 or 4, characterised in that the lip is elastically deformable.

10 6. Connection assembly according to one of claims 1 to 5, characterised in that either the first or second connection element comprises a male part (22; 122) and the other connection element comprises a female part (13; 113) with a shape complementary to the male part and capable of cooperating with the male part so as to make the connection leak tight.

7. Connection assembly according to claim 6, characterised in that the male and female parts are Luer cones (15, 24) with a taper of about 6%.

20 8. Connection assembly according to claim 6, characterised in that the male part is an essentially tubular shaped perforator.

9. Connection assembly according to one of claims 1 to 8, characterised in that it also comprises non-return means capable of preventing fluid from coming out after injection and use of means capable of making the connection element breakable.

10. Connection assembly according to claim 7, characterised in that either the first or second connection element can be irreversibly connected to standard

connectors before an irreversible connection is made with the other element.

11. Connection assembly according to claim 8, characterised in that the second connection element makes
5 use of the perforator to make reversible connections onto receptacles before an irreversible connection is made with the first element.

12. Connection element for transfer of fluid, particularly fluid containing active products, from a
10 reservoir to a medical delivery device, comprising retaining means, characterised in that the retaining means are arranged such that they cooperate with retaining means in another connection element by clipping during a single translation movement between the two connection elements to
15 make an irreversible connection between the two connection elements.